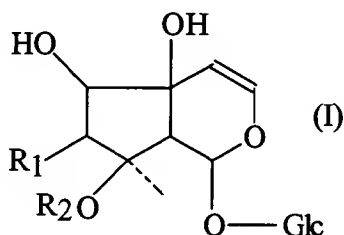


**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of claims:**

1. (currently amended) A method of treating arthritis, osteoporosis and ruptured disc comprising administering to a patient in need thereof a pharmaceutically acceptable amount of the compound of formula (I):



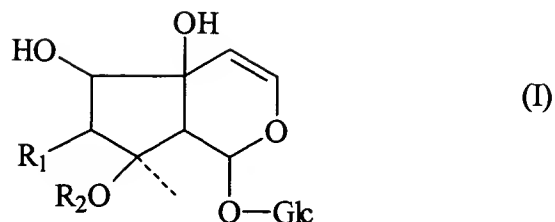
in which

R1 represents a hydrogen atom or an alkyl group; and

R2 represents a hydrogen atom; and

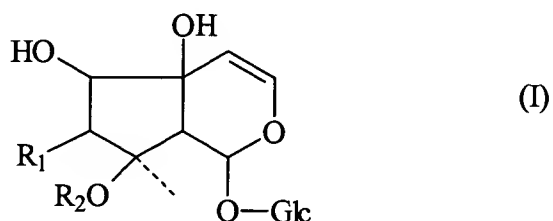
Glc represents glucose; along with a pharmaceutically ~~acceptable~~  
acceptable adjuvant.

2. (currently amended) A pharmaceutical preparation containing as an effective component a compound represented by the following formula (I):



in which  $R_1$  represents a hydrogen atom or an alkyl group and  $R_2$  represents a hydrogen atom, and Glc represents glucose wherein the pharmaceutical preparation has a potent effect against osteoporosis, arthritis and ruptured disc and the compound represented by formula (1) is present in a concentration amount of from 2.5 to 5 mg compound per ml composition.

3. (currently amended) A pharmaceutical preparation containing as an effective component a compound represented by the following formula (I):



in which  $R_1$  represents a hydrogen atom or an alkyl group and  $R_2$  represents a hydrogen atom, and Glc represents glucose and one or more materials selected from the group consisting of allendrate, tamoxifen, vitamin  $D_3$ , parathyroid hormone (PTH), sulfasalazine, thioredoxin reductase, alendronate, raloxifene, calcitonin, estradiol, genistein, 1,25-dihydroxyvitamin  $D_3$ ,

biphosphonates, shinbarometin and shinbarometin acetate wherein said pharmaceutical preparation has a potent effect against osteoporosis, arthritis and ruptured disc.

4. (canceled).